

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Docket No.: 7024-415

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled SYSTEM AND METHOD FOR AUTOMATED MEASUREMENT OF SOIL pH, the written description of which was filed on August 11, 1999, Serial No. \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified issued patent specification, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	Priority Claimed			
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

60/096,172	August 11, 1998
(Application Number)	(Filing Date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status-pat./pending/abandoned)
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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Harold R. Woodard, No. 16,214; C. David Emhardt, No. 18,483; Joseph A. Naughton, Jr., No. 19,814; John V. Moriarty, No. 26,207; John C. McNett, No. 25,533; Thomas Q. Henry, No. 28,309; James M.

Durlacher, No. 28,840; Charles R. Reeves, No. 28,750; Vincent O. Wagner, No. 29,596; Steve Zlatos, No. 30,123; Spiro Bereveskos, No. 30,821; William F. Bahret, No. 31,087; Clifford W. Browning, No. 32,201; R. Randall Frisk, No. 32,221; Daniel J. Lueders, No. 32,581; Kenneth A. Gandy, No. 33,386; Timothy N. Thomas, No. 35,714; Kerry P. Sisselman, No. 37,237; Kurt N. Jones, No. 37,996; John H. Allie, No. 39,088; Holiday W. Banta, No. P40,311; Troy J. Cole; No. 35,102; L. Scott Paynter, No. 39,797; Lisa A. Hiday, No. 40,036; Darrin Wesley Harris, No. 40,636; Matthew R. Schantz, No. 40,800; Gregory B. Coy, No. 40,967; John V. Daniluck, No. 40,581; Charles J. Meyer, No. P-41,996; Christopher A. Brown, No. P-41,642; A.J. Usher, IV, No. 41,359; Scott J. Stevens, No. 29,446; James B. Myers, No. 42,021; Jason J. Schwartz, No. P43,910 and Douglas A. Collier, No. P43,556.

Address all telephone calls to: Troy J. Cole at (317) 634-3456

Address all correspondence to: Troy J. Cole  
Woodard Emhardt Naughton Moriarty & McNett  
Bank One Center/Tower  
111 Monument Circle, Suite 3700  
Indianapolis, Indiana 46204-5137

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Viacheslav I. Adamchuck

Inventor's Signature: \_\_\_\_\_ Date of Signature \_\_\_\_\_  
Residence: 3<sup>A</sup> Potehina Street, Apt. 87, Kyiv, 252127, Ukraine  
Citizenship: \_\_\_\_\_  
Post Office Address: 3<sup>A</sup> Potehina Street, Apt. 87, Kyiv, 252127, Ukraine

Full name of second inventor: Mark T. Morgan

Inventor's Signature: \_\_\_\_\_ Date of Signature \_\_\_\_\_  
Residence: 7640 Mushroom Lane, Lafayette, IN 47905  
Citizenship: U.S.A.  
Post Office Address: 7640 Mushroom Lane, Lafayette, IN 47905

Full name of third inventor: Daniel R. Ess

Inventor's Signature: \_\_\_\_\_ Date of Signature \_\_\_\_\_  
Residence: 3026 Greenbriar Avenue, West Lafayette, Indiana 47906  
Citizenship: U.S.A.  
Post Office Address: 3026 Greenbriar Avenue, West Lafayette, Indiana 47906

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY**  
**STATUS (37 CFR 1.9(f) and 1.27(d)) - NONPROFIT ORGANIZATION**

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION: Purdue Research Foundation  
ADDRESS OF ORGANIZATION: Office of Technology Transfer  
1021 Hovde Hall, 3rd Floor  
West Lafayette, Indiana 47907-1021

TYPE OF ORGANIZATION:

UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION  
 TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 USC 501(a) and 501(c)(3))  
 NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA

NAME OF STATE: \_\_\_\_\_

CITATION OF STATUTE: \_\_\_\_\_

WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE KAMERICA  
 WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA

NAME OF STATE: \_\_\_\_\_

CITATION OF STATUTE: \_\_\_\_\_

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled SYSTEM AND METHOD FOR AUTOMATED MEASUREMENT OF SOIL pH by inventors Viacheslav I. Adamchuk, Mark T. Morgan and Daniel R. Ess and described in \_\_\_\_\_

The specification filed herewith.  
 Application Serial No. \_\_\_\_\_, filed \_\_\_\_\_  
 Patent No. \_\_\_\_\_, issued \_\_\_\_\_

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above identified invention. Further, no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights in the invention must file separate verified statements averring to their status as small entities. Each person, concern or organization having any right in the invention is listed below:

no such person, concern, or organization exists.  
 each such person, concern or organization is listed below.

FULL NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_

INDIVIDUAL  SMALL BUSINESS CONCERN

NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING: Bruce L. Pershing

TITLE IN ORGANIZATION

OF PERSON SIGNING:

ADDRESS OF PERSON SIGNING:

Secretary

Office of Technology Transfer

1021 Hovde Hall, 3rd Floor

West Lafayette, Indiana 47907-1021

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Date

Bruce L. Pershing, Secretary

#57585

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING: Bruce L. Pershing

TITLE IN ORGANIZATION

OF PERSON SIGNING:

ADDRESS OF PERSON SIGNING:

Secretary

Office of Technology Transfer

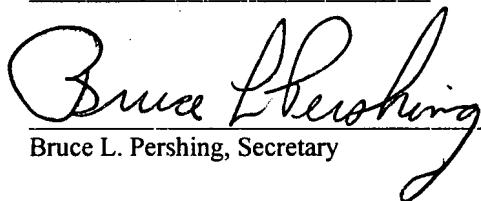
1021 Hovde Hall, 3rd Floor

West Lafayette, Indiana 47907-1021

August 30, 1999

Date

Bruce L. Pershing, Secretary



#57585